

through holes formed in the circuit board and are pasted in a row to the metal plate 12 by insulative thermal glue 15. The light emitting elements 11, for example, can be LEDs and wire bonded to the circuit board 13 by conductive wire 16 such that the LEDs are electrically connected to copper trace on the circuit board. Afterward, the wire bonded LED is encapsulated by epoxy material to form a lens 17 thereon. As shown in Fig. 3, the light emitting elements 11 in a row are arranged on lateral side or around the display panel 14. The display panel 14 can be made of acrylic or polyethylene material and be of rectangular or circular shape and . The display panel 14 may be coated with lacquer or adhesive tapes (not shown) are may be pasted to the backside and lateral sides thereof. The adhesive tapes are of black or white acrylic material to block light or reflect light. A plurality of display modules 1 are assembled into a larger display panel.

The light from the light emitting elements 11 uniformly impinge into the display panel 14 for display graphic or text on the display panel 14. The metal plate 12 is and the display panel 14 form a T-shape, with extension portions of the metal plate being used for sunproof function and dissipating . The metal plate also dissipates the heat of the light emitting elements 11.--